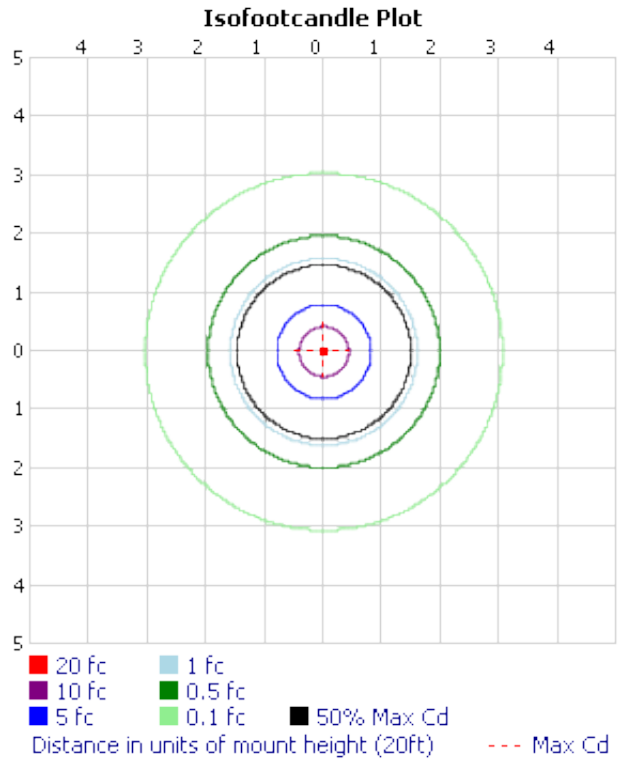
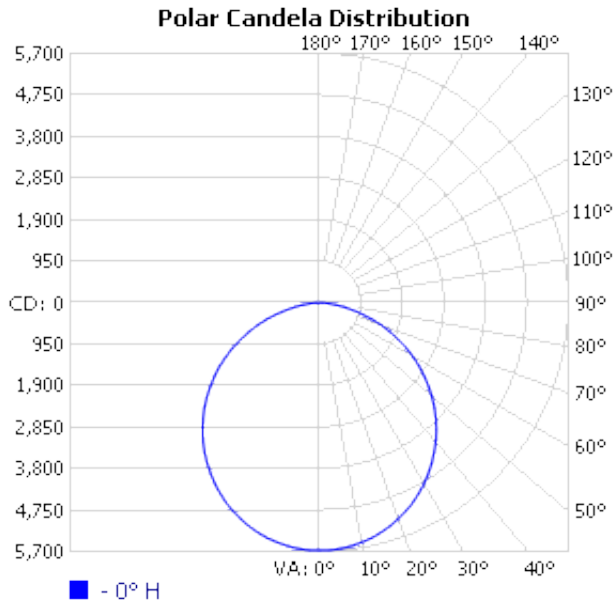


OUTDOOR PHOTOMETRIC REPORT
CATALOG: ROUND-12201 3' 90W

MANUFACTURER: ALCON LIGHTING
CATALOG: ROUND-12201 3' 90W
DESCRIPTION: 3' ROUND ARCHITECTURAL LED WHITE INTERIOR AND PRISMATIC ACRYLIC LENS
LAMP: 11 WATT UNITY LED
LAMP OUTPUT: 1 LAMP, RATED LUMENS/LAMP: 17145
INPUT WATTAGE: 67
LUMINOUS OPENING: RECTANGLE (L: 24", W: 24")
MAX CD: 5,674.9 AT HORIZONTAL: 0°, VERTICAL: 0°
CUTOFF CLASS: CUTOFF
ROADWAY CLASS: TYPE V
EFFICIENCY: 93.4%

SEE REPORT NOTES **



**FILE DOES NOT INCLUDE SUFFICIENT VERTICAL DATA TO PROPERLY CALCULATE BUG AND LCS UPLIGHT.
 **FILE DOES NOT INCLUDE UPPER HEMISPHERE DATA(90-180) AND HAS CD > 0 AT 90° VERTICAL.

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: ROUND-12201 3' 90W

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	4,399.4	25.7%	27.5%
0-40	7,202.4	42%	45%
0-60	12,724.3	74.2%	79.4%
60-90	3,297.7	19.2%	20.6%
0-90	16,022.0	93.5%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL
0-10	536.7	3.3%
10-20	1,536.3	9.6%
20-30	2,326.3	14.5%
30-40	2,803.0	17.5%
40-50	2,905.9	18.1%
50-60	2,616.0	16.3%
60-70	1,971.0	12.3%
70-80	1,077.8	6.7%
80-90	248.8	1.6%

ROADWAY SUMMARY

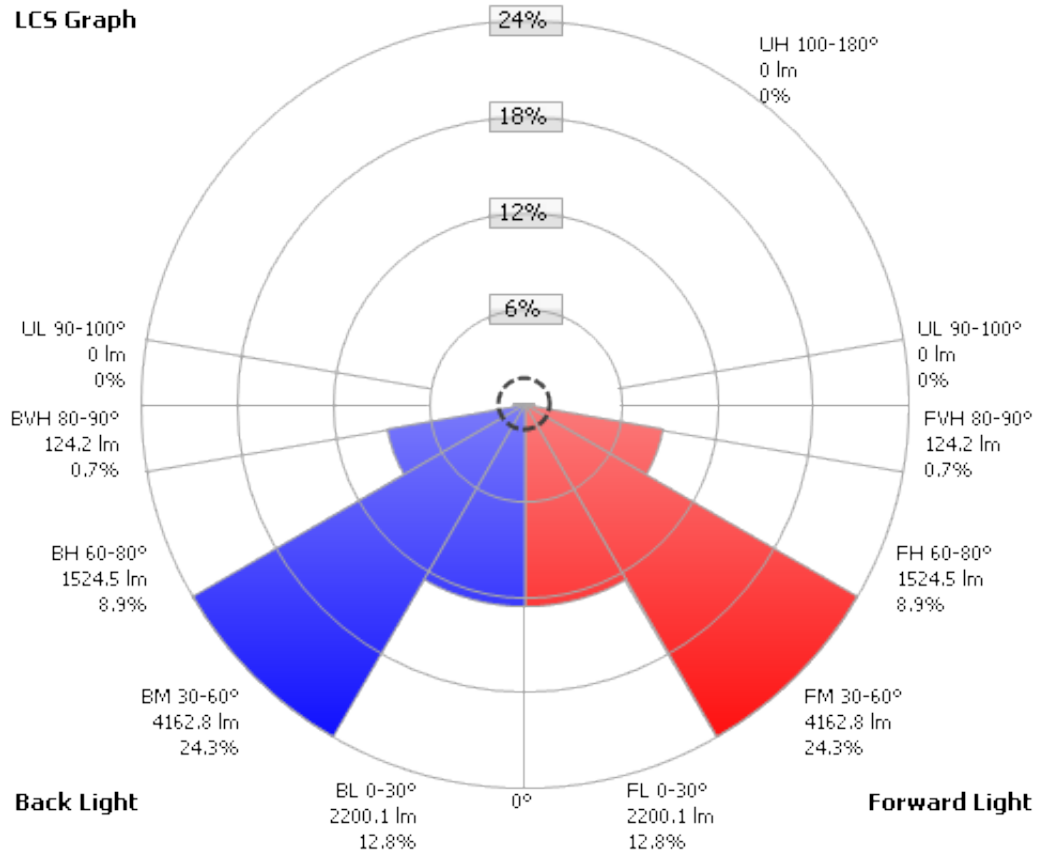
CUTOFF CLASSIFICATION:	CUTOFF
DISTRIBUTION:	TYPE V
MAX CD, 90 DEG VERT:	2.7
MAX CD, 80 TO <90 DEG:	562.1
	LUMENS % LAMP
DOWNWARD STREET SIDE:	8,011.6 46.7%
DOWNWARD HOUSE SIDE:	8,011.6 46.7%
DOWNWARD TOTAL:	16,023.1 93.5%
TOTAL LUMENS:	16,023.1 93.5%

LCS TABLE

BUG RATING	B3 - UX - G2	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	2,200.1	12.8%
MEDIUM(30-60):	4,162.8	24.3%
HIGH(60-80):	1,524.5	8.9%
VERY HIGH(80-90):	124.2	0.7%
BACK LIGHT		
LOW(0-30):	2,200.1	12.8%
MEDIUM(30-60):	4,162.8	24.3%
HIGH(60-80):	1,524.5	8.9%
VERY HIGH(80-90):	124.2	0.7%
TRAPPED LIGHT:	1,121.9	6.5%

OUTDOOR PHOTOMETRIC REPORT
CATALOG: ROUND-12201 3' 90W

LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 1121.9lm, 6.5%

OUTDOOR PHOTOMETRIC REPORT
CATALOG: ROUND-12201 3' 90W

CANDELA TABLE - TYPE C

	0
0	5675
5	5649
10	5573
15	5445
20	5268
25	5052
30	4787
35	4484
40	4144
45	3770
50	3363
55	2927
60	2469
65	1990
70	1509
75	1018
80	562
85	199
90	3